Form PTC 948 (Rev. 06/03)
Application No. 9/644,817

U.S. I EPARTMENT OF COMMERCE
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NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) (0/27/03 A. approved by the Draftsperson under 37 CFR 1.84 B. objected to by the Draftsperson under 37 CFR 1.84 drawings are required.	are: or 1.152. 4 or 1.152 for the reasons indicated below. Co rected
1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color(3 sets required). Color drawings are not acceptable until petition is granted. Fig(s) Princil and non black ink not permitted. Fig(s) Photographs. 37 CFR 1.84(b) Cine (1) full-tone set is required. Fig(s) Photographs may not be mounted. 37 CFR 1.84(c) Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) Por quality (half-tone). Fig(s) 3. TYPE OF PAPER. 37 CFR 1.84(e) Paper not flexible, strong, white, and durable. Fig(s) E-asures, alterations, overwritings. interlineations, folds, copy machine marks not accepted. Fig(s) 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) or 21.6 cm by 29.7 cm (BIN size A4) or 21.6 cm by 27.9 cm (8 1/2x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) 5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 25 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm Margins not acceptable. Fig(s) Top (T) Left (L) Right (R) Bottom (B) 6. VIBWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed. Views not labeled separately or properly. Fig(s) 7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) Sectional designation should be noted with Arabic or Roman numbers. Fig(s)	8. ARRANGEMENT C F VIEWS. 37 CFR 1.81(i) Words do not appear on a horizontal left-to-right fashion when page is either upright or turned so that the top become ithe right side, except for graphs. Fig(s) 9. SCALE. 37 CFR 1.8 (k) Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) 10. CHARACTER OFINES, NUM.HERS, & LETTERS. 37 CFR 1.88(f) Lines, numbers & leners not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 11. SHADING. 37 CFR 1.84(m) Solid black areas pale. Fig(s) Solid black shading for permitted. Fig(s) 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p) Numbers and reference characters not plain and legible. Fig(s) Figure legends are prior. Fig(s) Numbers and reference characters not oriented in the same direction at the view. 37 CFR 1.84(p)(1) Fig(s) English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(2) Fig(s) Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(2) Fig(s) Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(2) Fig(s) Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(2) Fig(s) Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(2) Fig(s) Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(2) Fig(s) Solid black surface shading is not per mitted except when used to represe it the color black as well as
COMMENTS: ZEMOUT THE BORD	color contrast. Fig(s) OCR FROM FIG.: 1A - 14-15, 16-35
viewer U.CHASKS	Date 4-2: 634
you have questions, call (703) 305-8404.	Attachment to Paper No. 0404